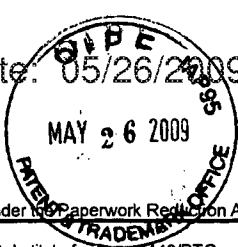


Receipt date: 05/26/2009

10550404 - GAU: 3633



PTO/SB/08a (04-09)

Approved for use through 05/31/2009. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/550,404
Filing Date	09/21/2005
First Named Inventor	Les Teichner et al
Art Unit	3633
Examiner Name	Jason R. Holloway
Attorney Docket Number	QUA009 P314

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 546,042	09/10/1895	VAN HORN	
		US- 603,611	05/03/1898	NYE	
		US- 1,101,047	06/23/1914	YATES	
		US- 2,144,663	01/24/1939	PETERSEN	
		US- 2,209,741	07/30/1940	SULLIVAN ET AL	
		US- 2,271,081	01/27/1942	LAYTON	
		US- 2,626,458	04/28/1953	HARRIS	
		US- 2,873,700	02/17/1959	HEIER	
		US- 2,935,954	05/10/1960	MATTHEWS ET AL	
		US- 3,420,378	01/07/1969	TURNER	
		US- 3,507,396	04/21/1970	HOMA	
		US- 3,550,381	12/29/1970	SOUTH	
		US- 3,809,347	05/07/1974	PEKAREK	
		US- 3,950,951	04/20/1976	ZUKAUSKAS	
		US- 4,043,527	08/23/1977	FRANZMEIER	
		US- 4,272,370	06/09/1981	CUNNING	
		US- D277,584	02/12/1985	ANNESTEDT	
		US- 4,553,356	11/19/1985	PEPPER	
		US- 4,616,450	10/14/1986	SHOUSE	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		GB 2 219 018 A	11/29/1989	PARKYNS ET AL		
		JP 2-304168	12/17/1990	AIZAKI ET AL		
		JP 3-28448	02/06/1991	SAKAI		
		JP 3-100254	04/25/1991	MAKIDO		
		JP 3-267449	11/28/1991	IWAMI ET AL		
		JP 5-52009	03/02/1993	JIN ET AL		

Examiner
Signature

/Jason Holloway/

Date
Considered

09/30/2009

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.H./

PTO/SB/08a (04-09)

Approved for use through 05/31/2009. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2

of 3

Complete if Known

Application Number	10/550,404
Filing Date	09/21/2005
First Named Inventor	Les Teichner et al
Art Unit	3633
Examiner Name	Jason R. Holloway
Attorney Docket Number	QUA009 P314

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 4,632,342	12/30/1986	SKINNER	
		US- 4,929,000	05/29/1990	ANNESTEDT, SR.	
		US- 5,040,750	08/20/1991	BRANT	
		US- 5,072,551	12/17/1991	MANOOGIAN, JR.	
		US- 5,271,191	12/21/1993	VAHAMAKI	
		US- 5,333,417	08/02/1994	DEMARTINI	
		US- 5,368,784	11/29/1994	ANNESTEDT, SR.	
		US- 5,398,464	03/21/1995	JACOBS	
		US- 5,468,026	11/21/1995	ANNESTEDT	
		US- 5,548,931	08/27/1996	BRYANT	
		US- 5,638,643	06/17/1997	DEMARTINI ET AL	
		US- 5,640,810	06/24/1997	PIETERSEN	
		US- 5,862,631	01/26/1999	ATTAWAY ET AL	
		US- 5,893,239	04/13/1999	LEAHY	
		US- 6,151,837	11/28/2000	EALER, SR.	
		US- 6,260,307 B1	07/17/2001	RICHARDSON	
		US- 6,543,729 B1	04/08/2003	YLONEN	
		US- 2003/0089046 A1	05/15/2003	STEVENS	
		US- 6,631,587 B2	10/14/2003	LYNCH	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		JP 5-106316	04/27/1993	HIRATA		
		JP 5-222812	08/31/1993	SHIMIZU		
		JP 6-57894	03/01/1994	SUDO		
		JP 6-93692	04/05/1994	MEGATA ET AL		
		JP 6-146508	05/27/1994	AIZAKI		
		JP 6-193219	07/12/1994	SAKAI ET AL		

Examiner
Signature

/Jason Holloway/

Date
Considered

09/30/2009

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.H./

PTO/SB/08a (04-09)

Approved for use through 05/31/2009. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	3	of	3
-------	---	----	---

Complete if Known

Application Number	10/550,404
Filing Date	09/21/2005
First Named Inventor	Les Teichner et al
Art Unit	3633
Examiner Name	Jason R. Holloway
Attorney Docket Number	QUA009 P314

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)	MM-DD-YYYY			
		JP 6-235249	08/23/1994	SASAMOTO		

Examiner Signature	/Jason Holloway/	Date Considered	09/30/2009
-----------------------	------------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.H./